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(54) Title (EN): ALPHABET INPUT APPARATUS USING A TOUCHPAD AND METHOD THEREOF

(54) Title (FR): APPAREIL D'INTRODUCTION DE CARACTERES ALPHANUMERIQUES A L'AIDE D'UN CLAVIER A EFFLEUREMENT ET PROCEDE ASSOCIE

(57) Abstract:

(EN): An apparatus for inputting characters is provided. The apparatus includes a touch pad including five character input areas A that generate different signals of a center area A_3 and a left-top area A_1, a left-bottom area A_4, a right-top area A_2, and a right -bottom area A_5 that are arranged in the vicinity of apexes of a square around the center area A_3, means receiving coordinate signals that are generated by a user touching the respective areas of the touch pad to be input, converting the coordinate signals into area input signals, and outputting the area input signals, means sequentially receiving the converted area input signals to generate the received input area input signals as area input signal sequences, storage means storing a character list that includes character sequences, characters, and function data so that one character or one function data is related to at least one character sequence, and character detection and output means detecting the character list using sequences of the area input signal or a series of area input signals to output a corresponding character whenever one area input signal is received.

(FR): L'invention porte sur un appareil d'introduction de caractères alphanumériques, à l'aide d'un clavier à effleurement comportant cinq zones d'introduction de caractères: A3 au centre, et, formant un carré autour de A3, A1 en haut à gauche, A4 en bas à gauche, A2 en haut à droite, et A5 en bas à droite; des moyens de réception de signaux coordonnés créés par l'utilisateur en frappant les différentes zones du clavier et convertissant lesdits signaux coordonnés en signaux de sortie; des moyens de réception séquentielle des signaux convertis formant des suites de signaux introduits; des moyens de stockage des suites de caractères, et de données de fonction permettant de relier une donnée de fonction à au moins une suite de caractères; et des moyens de détection et d'émission détectant les caractères de la liste de caractères en utilisant des suites de signaux provenant des différentes zones ou des séries de signaux introduits, pour émettre le caractère correspondant à la réception de tels signaux.

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